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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/980,517	02/28/2002	Kenji Inose	SONYJP-150	5399

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EXAMINER	
TALAPATRA, ANIKA F	

ART UNIT	PAPER NUMBER
2631	

DATE MAILED: 01/24/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/980,517	INOSE ET AL.	
	Examiner	Art Unit	
	Anika F. Talapatra	2631	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *28 February 2002*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-6* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-6* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *28 February 2002* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All b)☐ Some * c)☐ None of:

1.☒ Certified copies of the priority documents have been received.

2.☒ Certified copies of the priority documents have been received in Application No. 09/980,517.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date *24Oct2001, 1Nov2004*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statement (IDS) submitted on 28 February 2002 is being considered by the examiner.

The information disclosure statement filed 28 February fails to comply with 37 CFR 1.98(a)(2), which requires a legible copy, in English, of each U.S. and foreign patent; each publication or that portion which caused it to be listed; and all other information or that portion which caused it to be listed. It has been placed in the application file, but the following document has not been considered:

i. EP-0-762-769-A1

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1 to 6 rejected under 35 U.S.C. 102(b) as being anticipated by Na et al. (U.S. Patent 6366731) (hereafter referred to as Na).

As to claim 1, Na teaches a receiving apparatus that receives a signal via transmission medium, comprising: receiving and demodulating means; control means for controlling the receiving and demodulating; the receiving and demodulating means including: interface means for transmitting and receiving from the control means, a

command set defined in advance, in accordance with a given communications protocol; and a process control means for converting control command into recognizable data for the processing means. Na teaches a receiving and demodulating means (column 4 line 36-column 6 line 24, figure 3: 101, 102, 106, 107) comprising a tuner which is the first element after the receiving antenna as a receiving means of an incoming signal; and a channel decoder, and further audio and video decoders for demodulating the incoming signal. Na teaches a control means (column 6 lines 37-53, figure 3: 103) for controlling the receiving and demodulating, as the switching controller. Na teaches the receiving and demodulating means including an interface means for transmitting and receiving from the control means. The interface, an IEEE 1394 serial bus, is represented by a dotted line, between the ATV (Advanced Television) and the HD-VCR (High-Definition-Digital Video Cassette Recorder) in figure 3 (column 1, lines 9-29, figure 3: dotted line between 100 and 200). Na teaches the receiving and demodulating means including command set defined in advance (column 1, lines 9-29) called the Audio/Video Control Command and Transaction Set (AV/C CTS). Na teaches a process control means for converting control command into recognizable data for the processing means. The parsers (figure 3: 104, 105, 108, 112) process PSI (program specific information), PAT (program association table), PMT (program map table), PIDs (packet identification numbers), and CAT (conditional access table) data from the incoming signal, in order to correctly process the input signal (column 4, lines 45-67).

As to claim 2, Na teaches a receiving apparatus, comprising a control command set which is predefined, independent of the transmission medium. The control command set taught by Na is the AV/C CTS (column 1, lines 9-29).

As to claim 3, Na teaches a receiving apparatus, comprising the control command can be sent from a remote controller, to a local device, via the IEEE 1394 serial bus (column 1, lines 9-29).

As to claim 4, Na teaches a receiving apparatus comprising a process control means for converting control command into recognizable data for the processing means. The parsers (figure 3: 104, 105, 108, 112) process PSI, PAT, PMT, PIDs, and

CAT data from the incoming signal, in order to correctly process the input signal (column 4, lines 45-67).

As to claim 5, Na teaches a receiving apparatus, comprising a bus where the bus is an IEEE 1394 serial bus (column 1, lines 9-29).

As to claim 6, Na teaches a receiving method that receives a signal via transmission medium, comprising: receiving and demodulating; control means for controlling the receiving and demodulating; the receiving and demodulating including: interface means for transmitting and receiving from the control means, a command set defined in advance, in accordance with a given communications protocol; and a process control method for converting control command into recognizable data for the processing means. Na teaches a receiving and demodulating (column 4 line 36- column 6 line 24) comprising a tuner which is the first element after the receiving antenna of an incoming signal; and a channel decoder, and further audio and video decoders for demodulating the incoming signal. Na teaches a control for controlling the receiving and demodulating, as the switching controller (column 6 lines 37-53). Na teaches the receiving and demodulating including an interface for transmitting and receiving from the control. The interface, an IEEE 1394 serial bus, is between the ATV and the HD-VCR (column 1, lines 9-29). Na teaches the receiving and demodulating including command set defined in advance (column 1, lines 9-29) called the AV/C CTS. Na teaches a process control for converting control command into recognizable data for the processing means. By parsing the PSI, PAT, PMT, PIDs, and CAT data from the incoming signal, the input signal is correctly processed (column 4, lines 45-67).

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

i. U.S. Patent 6775714, Miyano; and

ii. U.S. Patent 6078783, Kawamura et al.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anika F. Talapatra whose telephone number is 571-272-6039. The examiner can normally be reached on Monday to Friday from 08:00-16:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mohammad Ghayour can be reached on 571-272-3021. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A.T.

KEVIN BURD
PRIMARY EXAMINER